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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/805,032	03/19/2004	Andrew Bartlett	MCA-650 US	7965
<div>25182 7590 12/10/2007</div> <div>MILLIPORE CORPORATION</div> <div>290 CONCORD ROAD</div> <div>BILLERICA, MA 01821</div>				
			<div>EXAMINER</div> <div>MENON, KRISHNAN S</div>	
			<div>ART UNIT</div> <div>1797</div>	<div>PAPER NUMBER</div>
			<div>MAIL DATE</div> <div>12/10/2007</div>	<div>DELIVERY MODE</div> <div>PAPER</div>

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/805,032	Applicant(s) BARTLETT ET AL.	
	Examiner Krishnan S. Menon	Art Unit 1797	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 4-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 4-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claims 1,2 and 4-23 are pending in the RCE of 5/22/07.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1,2 and 4-9 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-3 of copending Application No. 11/110,325. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claim limitations are similar. The thickness of the thermoplastic as being 100-125% of the thickness of the spacer layer in the present application would be obvious to one of ordinary skill to provide sufficient seal.

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This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

1. Claims 1,2 and 4-23 are rejected under 35 U.S.C. 102(a/e) as being anticipated by US 20030052054 (corresponding application number 10/246,904)

The disclosure in the co-pending application 10/246,904 reads on the claims of the instant application. The co-pending application'904 has a publishing date of March 20, 2003, and an effective filing date of 9/20/2001, with an inventive entity different from that of the present application with one common inventor, Mark Chisholm, between the two applications. This would make the application'904 a 102(a and e) reference for the instant claims.

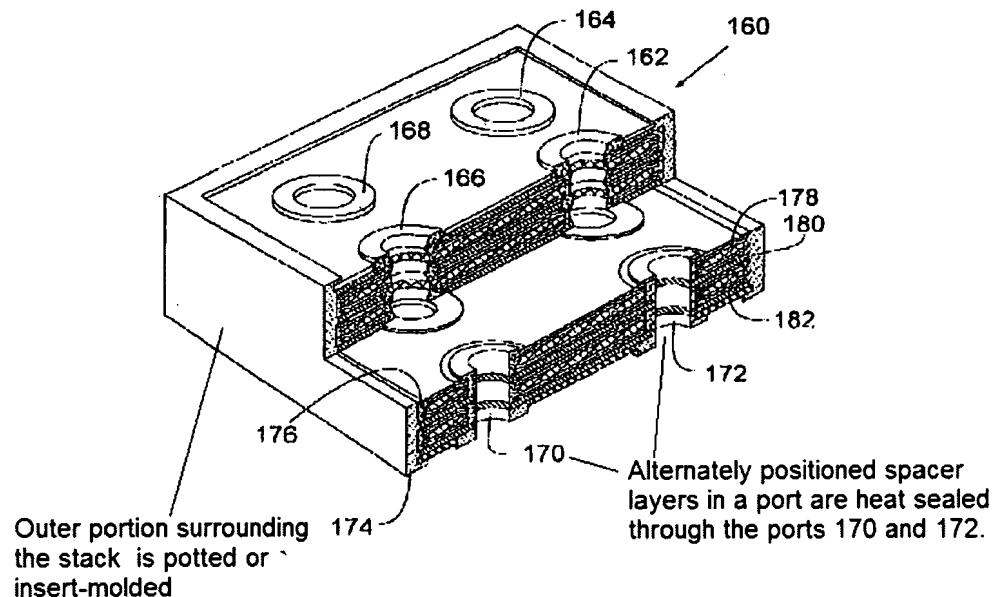


Fig 12 of 2003/0052054

Figure 12 of the reference is presented above, which shows a perspective view of the partial cross-section. The details of construction of the filter module is found in paragraphs 9-11, 33 and 36-42 of the reference. The sealing material appears to be the same in the application and the reference – thermoplastic compositions.

Arguments presented against this rejection are not persuasive.

With respect to the argument:

The reference clearly teaches forming thermoplastic constructions (TPCs) on the edges of the screens and then selectively heating the adjacent tips of the TPCs together.

Is it not what is claimed? On the other hand, if applicant meant "the reference clearly teaches forming ...(TPCs) on the edges of the membrane and then selectively heating ...", see figures 3 and 6-9 of the reference. Figure 3 has the TPC molded to the

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porous support (56) of the membrane and to the porous screen (60) on the top (paragraph 33), which are also shown in the details of assembly in figures 6-11.

Independent claims 1, 7, 21, 22 and 23 recite the thermoplastic sections as formed about the periphery of the filtrate spacer layers and around a port; and in independent claims 13 and 20, the thermoplastic sections are formed around the periphery and ports of permeable spacer layer. Claims do not recite that the thermoplastic sections are formed integral to these layers. The teaching of the reference, that the TPCs are molded on to the membrane backing or screen on top or both, actually form around or about the periphery of the filtrate spacer layers as seen in the assembly drawings. The screen (60) and membrane backing (56) are permeable spacer layers; the membrane backing also can be the filtrate spacer layer, which is integral to the membrane. Thus claims are anticipated.

Response to Arguments

Arguments presented are not persuasive.

With respect to the argument:

The reference clearly teaches forming thermoplastic constructions (TPCs) on the edges of the screens and then selectively heating the adjacent tips of the TPCs together.

Is it not what is claimed? On the other hand, if applicant meant " the reference clearly teaches forming ...(TPCs) on the edges of the membrane and then selectively heating ...", see figures 3 and 6-9 of the reference. Figure 3 has the TPC molded to the

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felt-backing of the membrane and to the porous screen (60) on the top, which is also shown in the details of assembly in figures 6-11.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Krishnan S. Menon whose telephone number is 571-272-1143. The examiner can normally be reached on 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David R. Sample can be reached on 571-272-1376. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'K S Menon', with a stylized, cursive script.

Krishnan S Menon
Primary Examiner
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